

1 **CLAIMS**

2 What is claimed is:

3 1. A method comprising:

4 selecting a video source view from at least one of a plurality of vehicle-  
5 mounted video sources based on detection of a vehicle event.

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7 2. A method as recited in claim 1 further comprising displaying the  
8 video source view according to a presentation mode.  
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11 3. A method as recited in claim 1 further comprising detecting the  
12 vehicle event.  
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14 4. A method as recited in claim 1 further comprising associating a  
15 plurality of vehicle events with at least one video source view.  
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18 5. A method as recited in claim 1 further comprising associating a  
19 plurality of vehicle events with at least one video presentation mode.  
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21 6. A method as recited in claim 1 further comprising configuring a data  
22 structure on a computer readable medium, the data structure comprising an  
23 association between a vehicle event indicator and video source view.  
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2 7. A method as recited in claim 1 further comprising configuring a data  
3 structure on a computer readable medium, the data structure comprising an  
4 association between a vehicle event indicator and a mode of presenting a video  
5 source view.  
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8 8. A method as recited in claim 2 wherein the displaying operation  
9 comprises displaying the video source view in at least one of a full screen mode, a  
10 windowed mode, and a default mode.  
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12 9. A method as recited in claim 2 wherein the displaying operation  
13 comprises simultaneously displaying multiple video source views.  
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16 10. A method as recited in claim 1 wherein the vehicle event comprises  
17 at least one of:

- 18 a left turn signal state;  
19 a right turn signal state;  
20 a left front door open signal state;  
21 a left rear door open signal state;  
22 a right front door open signal state;  
23 a right rear door open signal state;  
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1 a headlights signal state;  
2 a reverse gear signal state;  
3 an obstacle detection signal state;  
4 a light sensor state;  
5 a temperature sensor state;  
6 an audio sensor state.  
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9 11. A method as recited in claim 1 wherein the selecting step comprises  
10 looking up an event indicator corresponding to the event in a table of video  
11 presentation rules.  
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13 12. A method as recited in claim 1 further comprising configuring  
14 presentation rules associating a plurality of event indicators with a plurality of  
15 video display modes.  
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1           13.    A computer-readable medium having stored thereon computer-  
2 executable instructions for performing a computer process comprising:  
3            selecting a video source view from at least one of a plurality of vehicle-  
4 mounted video sources based on detection of a vehicle event.  
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6           14.    A computer-readable medium as recited in claim 13, the process  
7 further comprising displaying the video source view according to a presentation  
8 mode.  
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10           15.   A computer-readable medium as recited in claim 13, the process  
11 further comprising detecting the vehicle event.  
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14           16.   A computer-readable medium as recited in claim 13, the process  
15 further comprising associating a plurality of vehicle events with at least one video  
16 source view.  
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19           17.   A computer-readable medium as recited in claim 13, the process  
20 further comprising associating a plurality of vehicle events with at least one video  
21 presentation mode.  
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1           18.    A computer-readable medium as recited in claim 13, the process  
2 further comprising configuring a data structure on a computer readable medium,  
3 the data structure comprising an association between a vehicle event indicator and  
4 video source view.

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6           19.    A computer-readable medium as recited in claim 13, the process  
7 further comprising configuring a data structure on a computer readable medium,  
8 the data structure comprising an association between a vehicle event indicator and  
9 a mode of presenting a video source view.

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12           20.    A computer-readable medium as recited in claim 14 wherein the  
13 displaying operation comprises displaying the video source view in at least one of  
14 a full screen mode, a windowed mode, and a default mode.

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17           21.    A computer-readable medium as recited in claim 14 wherein the  
18 displaying operation comprises simultaneously displaying multiple video source  
19 views.

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22           22.    A computer-readable medium as recited in claim 13 wherein the  
23 vehicle event comprises at least one of:

24           a left turn signal state;  
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1 a right turn signal state;  
2 a left front door open signal state;  
3 a left rear door open signal state;  
4 a right front door open signal state;  
5 a right rear door open signal state;  
6 a lights on signal state;  
7 a reverse gear signal state;  
8 an obstacle detection signal state;  
9 a light sensor state;  
10 a temperature sensor state;  
11 an audio sensor state.  
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15 23. A computer-readable medium as recited in claim 13 wherein the  
16 selecting step comprises looking up an event indicator corresponding to the event  
17 in a table of video presentation rules.  
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19 24. A computer-readable medium as recited in claim 13, the process  
20 further comprising configuring presentation rules associating a plurality of event  
21 indicators with a plurality of video display modes.  
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2 25. A system comprising:  
3 display logic selecting a video source view from at least one of a plurality  
4 of vehicle-mounted video sources based on detection of a vehicle event.  
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6 26. A system as recited in claim 25 further comprising a display device  
7 displaying the video source view according to a presentation mode.  
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10 27. A system as recited in claim 25 further comprising a vehicle sensor  
11 detecting the vehicle event.  
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13 28. A system as recited in claim 25 further comprising presentation rules  
14 including an association between a plurality of vehicle events and at least one  
15 video source view.  
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18 29. A system as recited in claim 25 further comprising presentation rules  
19 including an association between a plurality of vehicle events and at least one  
20 video presentation mode.  
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23 30. A system as recited in claim 25 further comprising a user interface  
24 operable to receive input for configuring a data structure on a computer readable  
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1 medium, the data structure comprising an association between a vehicle event  
2 indicator and video source view.

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4 31. A system as recited in claim 25 further comprising a user interface  
5 operable to receive input for configuring a data structure on a computer readable  
6 medium, the data structure comprising an association between a vehicle event  
7 indicator and a mode of presenting a video source view.  
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10 32. A system as recited in claim 26 wherein the display device displays  
11 the video source view in at least one of a full screen mode, a windowed mode, and  
12 a default mode.  
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15 33. A system as recited in claim 26 wherein the display device  
16 simultaneously displays multiple video source views.  
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18 34. A system as recited in claim 25 wherein the vehicle event comprises  
19 at least one of:

- 20 a left turn signal state;  
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22 a right turn signal state;  
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24 a left front door open signal state;  
25 a left rear door open signal state;



1 a right front door open signal state;  
2 a right rear door open signal state;  
3 a lights on signal state;  
4 a reverse gear signal state;  
5 an obstacle detection signal state;  
6 a light sensor state;  
7 a temperature sensor state;  
8 an audio sensor state.  
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11 35. A system as recited in claim 25 wherein the display logic looks up an  
12 event indicator corresponding to the event in a table of video presentation rules.  
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15 36. A system as recited in claim 25 further comprising extensible  
16 presentation rules associating a plurality of event indicators with a plurality of  
17 video display modes.  
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1           37.    A vehicle comprising:  
2           a computer having display logic selecting a video source view from at least  
3 one of a plurality of video sources mounted on the vehicle based on detection of a  
4 vehicle event.

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6           38.    A vehicle as recited in claim 37 further comprising a display device  
7 communicating with the computer to display the video source view according to a  
8 presentation mode.  
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11           39.    A vehicle as recited in claim 37 further comprising a vehicle sensor  
12 in communication with the computer, the vehicle sensor detecting the vehicle  
13 event.  
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16           40.    A vehicle as recited in claim 37, wherein the computer further  
17 comprises a computer-readable medium having stored thereon presentation rules  
18 including an association between a plurality of vehicle events and at least one  
19 video source view.  
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22           41.    A vehicle as recited in claim 37, wherein the computer further  
23 comprises a computer-readable medium having stored thereon presentation rules  
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1 including an association between a plurality of vehicle events and at least one  
2 video presentation mode.

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4 42. A vehicle as recited in claim 37 further comprising a user interface  
5 operable to receive input for configuring a data structure on a computer-readable  
6 medium, the data structure comprising an association between a vehicle event  
7 indicator and video source view, the data structure being readable by the display  
8 logic to select the video source view.  
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11 43. A vehicle as recited in claim 37 further comprising a user interface  
12 operable to receive input for configuring a data structure on a computer readable  
13 medium, the data structure comprising an association between a vehicle event  
14 indicator and a mode of presenting a video source view, the data structure being  
15 readable by the display logic to select the video source view.  
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18 44. A vehicle as recited in claim 38 wherein the display device displays  
19 the video source view in at least one of a full screen mode, a windowed mode, and  
20 a default mode.  
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23 45. A vehicle as recited in claim 38 wherein the display device  
24 simultaneously displays multiple video source views.  
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2 46. A vehicle as recited in claim 37 wherein the vehicle event is selected  
3 from a group comprising:

- 4 a left turn signal state;  
5 a right turn signal state;  
6 a left front door open signal state;  
7 a left rear door open signal state;  
8 a right front door open signal state;  
9 a right rear door open signal state;  
10 a lights on signal state;  
11 a reverse gear signal state;  
12 an obstacle detection signal state;  
13 a light sensor state;  
14 a temperature sensor state;  
15 an audio sensor state.

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19 47. A vehicle as recited in claim 37 wherein the display logic looks up  
20 an event indicator corresponding to the event in a table of video presentation rules.  
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48. A vehicle as recited in claim 37 further comprising extensible  
presentation rules associating a plurality of event indicators with a plurality of  
video display modes.

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